

ABSTRACT OF THE DISCLOSURE

An image processing device, an image processing program and an image processing method for forming a composite image by superimposing an overlay image on a base image. Fixed length compressed image of the base image fixed length compressed data of the overlay image are formed by dividing data of the base image and data of the overlay image respectively into a plurality of blocks and by encoding a statistical parameter of each block, including a gray level representing the block, and quantization levels of respective pixels in the block. Then, while the fixed length compressed data is being checked in a block-by-block manner, the fixed length compressed data of the base image is taken in if the gray level of the block of the overlay image is 0, and the fixed length compressed data of the overlay image is taken in if the gray level of the block of the overlay image is not 0.